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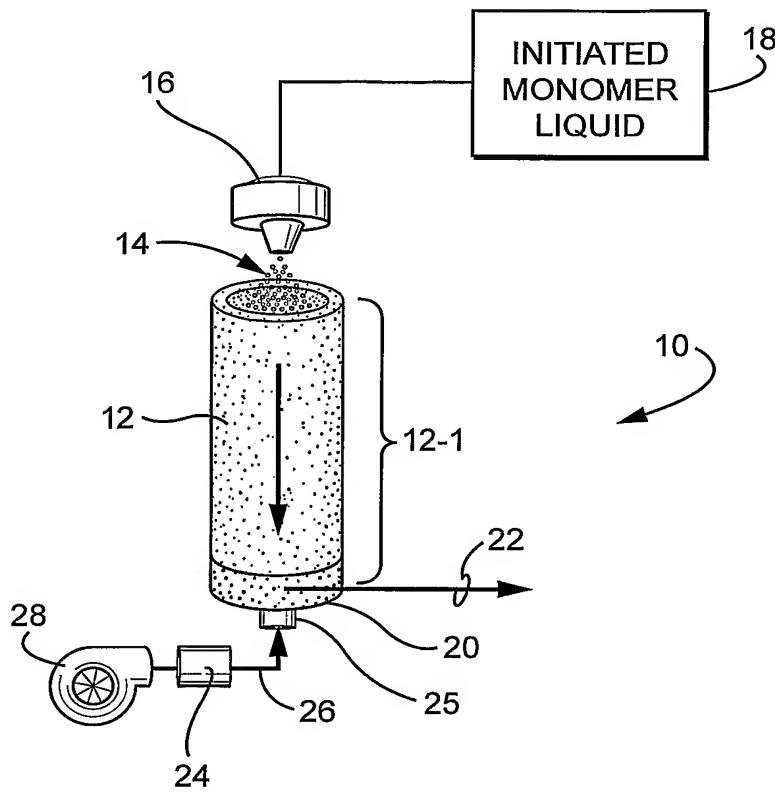
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(54) Title: PROCESS AND SYSTEMS FOR THE EFFICIENT PRODUCTION OF POLYMERIC MICROSPHERES



(57) Abstract: Processes and systems are provided whereby continuous polymeric microspheres are made by nebulizing a solventless initiated monomeric liquid (18) (that is a liquid solution comprising a monomer and a polymerization initiator for the monomer) to form an aerosol of polymerization-initiated monomeric liquid droplets (14) within a gas-filled reaction zone (12). The nebulized droplets of the monomeric liquid are allowed to fall under gravitational force through the reaction zone and to polymerize therewithin. The thus polymerized particles may thereafter be collected and removed from the reaction zone for further processing and/or use as may be desired.



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